

Product datasheet for **RC209580A1V**

Human FAM13C1 (FAM13C) (NM_001001971) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human FAM13C1 (FAM13C) (NM_001001971) AAV Particle
Tag:	Myc-DDK
Symbol:	FAM13C1
Synonyms:	FAM13C1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC209580 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTTCTTGTCTTGTTCAGCCTTCAGGATAATTCCTTCAGCAGCACCAGTGTAAACAGAGTGTGACG
 AAGATCCAGTCTCTCTACATGAAGACCAGACTGATTGCTCCAGTCTCAGAGATGAAAACAATAAAGAGAA
 CTACCCCGACGCAGGGGCTCTGGTAGAAGAGCAGCGCGCCCTCTGGGAGCCGACGACGAGAATGTA
 GAGGCGACCGTCTGGTGGACAGCGTATTGCGACCCAGCATGGGCAACTTCAAGTCCAGGAAGCCCAAGT
 CCATCTTCAAAGCGGAGAGCGGGAGGAGCCACGGAGAAAGTCAGGAGACAGAGCATGTGGTATCCAGCCA
 GTCAGAGTGTGAGGTGAGAGCAGGAACACCAGCTCATGAGAGTCCACAAAACAATGCCTTCAAGTGCCAA
 GAAACAGTGCAGTTCACCAAGAATAGACCAGAGGACTGCCATTCGCCAAAGGATGCTTTTGAAACTC
 GGCAGGACTTAAATGAGGAAGAAGCTGCTCAGGTGCATGGAGTCAAGGACCCGGCGCCAGCATCAACCCA
 GAGCGTCTTGGCGATGGGACAGATTCTGCAGACCCCTCACCAGTCCACAAAGATGGGCAGAATGAGGCC
 GACAGTGCACCAGAAGACCTCCACTCTGTGGGACGACGAGGCTGCTCTATCACATCACTGATGGTGATA
 ACCCACTGCTGTGCGCCAGATGCTCCATCTTCAGCCAAAGCCAGAGATTAACCTTAGACCCCGAGTCAGC
 CCCATCTCCACCCAGCACTCAGCAGTTTATGATGCCGCGGAGTTCTTCACGCTGCAGCTGTGGAGATGGC
 AAGGAGCCACAGACCATCACCCAGCTCACCAAGCACATCCAGAGCCTCAAGCGGAAAAATTCGGAATTTG
 AAGAAAAATTTGAACAAGAAAAGAAATACCGGGTAACTAAGCAAGACAAGAACCTCATAAAGCCGCTTTA
 TGACCGATACAGAATTATCAAGCAAATCTGTCAACACCTTCCCTTATCCAACAATTCAGGAGGAAGAG
 GACTCTGATGAAGACCGTCCACAGGGAAGCCAAACCTTCTTTGGCAGATCCAGCATCTCACCTTCTGT
 TTGGTGACCACCTCACCTACTCTAATGAGACTGAGCCTGTTAGGGCCCTTTTACCAGATGAAAAGAAAGA
 AGTAAACCAACAGCTCTCTCCATGTCTAATTTACATGAGGCTACCATGCCTGTACTTCTTGACCATCTC
 CGAGAACTAGGGCTGACAAGAAGAGACTGCGGAAAGCCTTAAGAGAATTTGAAGAACAGTTTTTTAAAC
 AAACAGGAAGAAGTCCACAAAAGGAAGATAGGATACCAATGGCAGATGAGTATTATGAATATAAGCACAT
 AAAAGCCAACTGAGACTATTAGAGGTCTCATCAGCAAGCAAGATGTGGCCAAACTATT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209580 protein sequence
 Red=Cloning site Green=Tags(s)

MFSCFCFSLQDNFSSTTVTECEDPVSLEHEDQTDCCSLRDENNKENYPDAGALVEEHAPPSWEPQQQNV
 EATVLVDSVLRPSMGNFKSRPKSIFKAESGRSHGESQTEHVVSQSECQVRAGTPAHESPQNNAFKCQ
 ETVRLQPRIDQRTAISPKDAFETRQDLNEEEAAQVHGKDPAPASTQSVLADGTDSDSPVHKDQNEA
 DSAPEDLHSVGSRLLYHITDGDNPLSPRCSIFSQSQRFNLDPEAPSPPSTQQFMMPRSSSRSCGDDG
 KEPQTITQLTKHIQSLKRKIRKFEKFEQEKYRVTKQDKNLKPLKYDRYRIKQILSTPSLIPTIQEEE
 DSDEDRPQGSQQPSLADPASHLPVGDHLYTNETEPVRALLPDEKKEVKPPALSMNLHEATMPVLLDHL
 RETRADKKRLRKALREFEEQFFKQTRSPQKEDRIPMADEYYEKHIKAKLRLLLEVLISKQDVAKTI

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001001971

ORF Size:

1461 bp

Buffer:

PBS with 0.001% Pluronic F68

Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_001001971.1</u> , <u>NP_001001971.1</u>
RefSeq Size:	3101 bp
RefSeq ORF:	1464 bp
Locus ID:	220965
UniProt ID:	<u>Q8NE31</u>
Cytogenetics:	10q21.1
MW:	55 kDa